

## Alessandro Boulevard, Arlington, Central, Chicago, Iowa & Jurupa Avenues - Axle Restrictions

Public Works Department

City Council  
May 15, 2018

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### **BACKGROUND – TRANSPORTATION BOARD**

1. To provide a public meeting forum, notifications to potentially impacted businesses in the areas, and hear public comment on the matter, the proposals were scheduled for Transportation Board consideration.
2. On October 4, 2017 the Board reviewed a proposal to establish axle restrictions on select segments of Alessandro and Van Buren Boulevards, Arlington, Central, Chicago, Iowa, and Jurupa Avenues.



2

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## BACKGROUND – COUNTY OF RIVERSIDE

1. Due to shared jurisdiction of Alessandro and Van Buren Boulevards and potential impacts to adjoining agency roadways Public Works consulted with the County of Riverside regarding the proposed axle restrictions.
2. County opposed both axle restrictions due to potential impacts to already congested Cajalco Road.
3. As a result, Public Works agreed to engage in additional discussions with the County prior to further consideration of establishment of axle restrictions on the two streets.



3

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## TRANSPORTATION BOARD RECOMMENDATIONS

1. The Transportation Board recommended establishment of axle restrictions on designated segments of Arlington, Central, Chicago, Iowa, and Jurupa Avenues.
2. The Board also suggested use of stickers or exemption letters allowing select businesses continued use of existing roadways to avoid trucks making left-turns onto major arterials and provide the shortest routes and improved safety.



4

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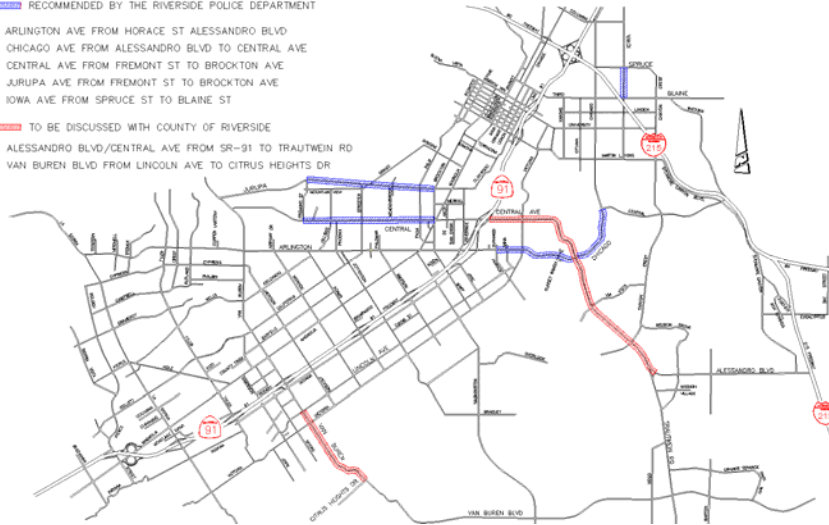
## RECOMMENDATIONS BY TRANSPORTATION BOARD ON OCT. 4, 2017

**RECOMMENDED BY THE RIVERSIDE POLICE DEPARTMENT**

1. ARLINGTON AVE FROM HORACE ST ALESSANDRO BLVD
2. CHICAGO AVE FROM ALESSANDRO BLVD TO CENTRAL AVE
3. CENTRAL AVE FROM FREMONT ST TO BROCKTON AVE
4. JURUPA AVE FROM FREMONT ST TO BROCKTON AVE
5. IOWA AVE FROM SPRUCE ST TO BLAINE ST

**TO BE DISCUSSED WITH COUNTY OF RIVERSIDE**

6. ALESSANDRO BLVD/CENTRAL AVE FROM SR-91 TO TRAUTWEIN RD
7. VAN BUREN BLVD FROM LINCOLN AVE TO CITRUS HEIGHTS DR



5

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## APPLICATIONS FOR AXLE RESTRICTIONS

Axle restrictions control large/heavy truck use on arterial streets impacted by:

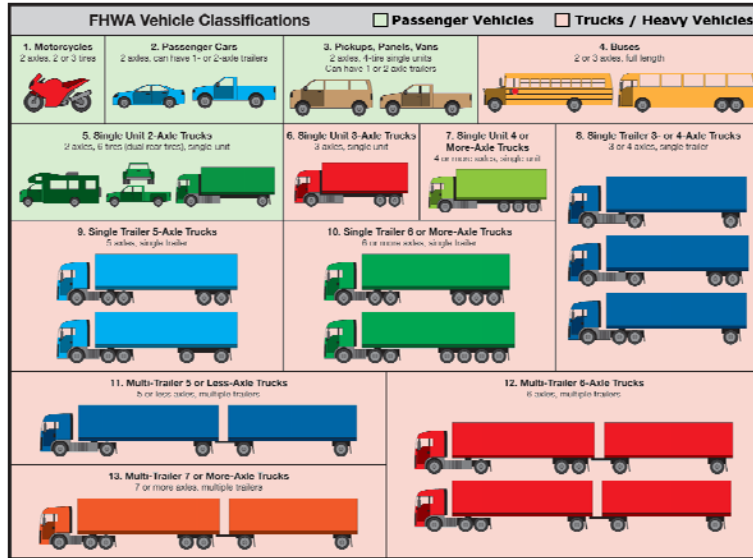
- a. Excessive damage to asphalt; and/or
- b. Traffic or safety concerns;
- c. Cut-through traffic to bypass freeway congestion;
- d. Noise (Jake brake) and Emissions.



6

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## FEDERAL HIGHWAY ADMINISTRATION EXHIBIT



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7

## TRUCK TRAFFIC COUNT DATA COMPARISONS

Street	Location	Total 24-Hr Volume 2016	Total # of Trucks 2016	Total % of Trucks 2016	Total 24-Hr Volume 2018	Total # of Trucks 2018	Total % of Trucks 2018	# / % Trucks Increase 2016 vs 2018
Van Buren Blvd	South of Indiana Av	37,328	696	1.9%	38,312	835	2.2%	139 / 20%
Van Buren Blvd	North of SR-91	41,761	866	2.1%	40,502	801	2.0%	(-65) / (-7%)
*Van Buren Blvd	East of Washington St	42,314	652	1.5%	41,464	664	1.6%	12 / 2%
Alessandro Blvd	West of I-215	46,464	472	1.0%	31,685	1,004	3.2%	532 / 113%
Trautwein Rd	South of Alessandro Bl	31,046	254	.8%	30,353	566	1.9%	312 / 123%
Alessandro Blvd	North of Chicago Av	32,652	417	1.3%	33,795	682	2.0%	265 / 63%

Street	Location	Total 24-Hr Volume 2015	Total # of Trucks 2015	Total % of Trucks 2015	Total 24-Hr Volume 2018	Total # of Trucks 2018	Total % of Trucks 2018	# / % Trucks Increase 2015 vs 2018
Alessandro Blvd	North of Trautwein Rd	58,406	544	.9%	61,612	1,422	2.3%	878 / 161%
*Van Buren Blvd	West of Meridian Pkwy	34,964	568	1.6%	30,662	834	2.7%	266 / 47%



\*Locations under County jurisdiction

8

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## TRAFFIC COUNT DATA COMPARISONS

1. Seven of the eight locations evaluated experienced increased truck traffic volumes which may be associated with construction activities.
2. Van Buren north of the SR-91 Fwy was the single location that showed a slight decline in both truck volumes and percentage.
3. Resulting data has been shared with the County.



9

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## TRANSPORTATION COMMITTEE FINAL REVIEW

1. On March 8, 2018 the Transportation Committee reviewed an updated proposal recommending establishment of axle restrictions on segments of Arlington, Central, Chicago, Iowa, and Jurupa Avenues.
2. Prior to the meeting, the County of Riverside advised that their position regarding the previously proposed axle restriction on Alessandro Blvd. from Trautwein Rd. to Central Ave. had changed from opposed to neutral but they still opposed a restriction on Van Buren Blvd.



10

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## CONTINUED COLLABORATION

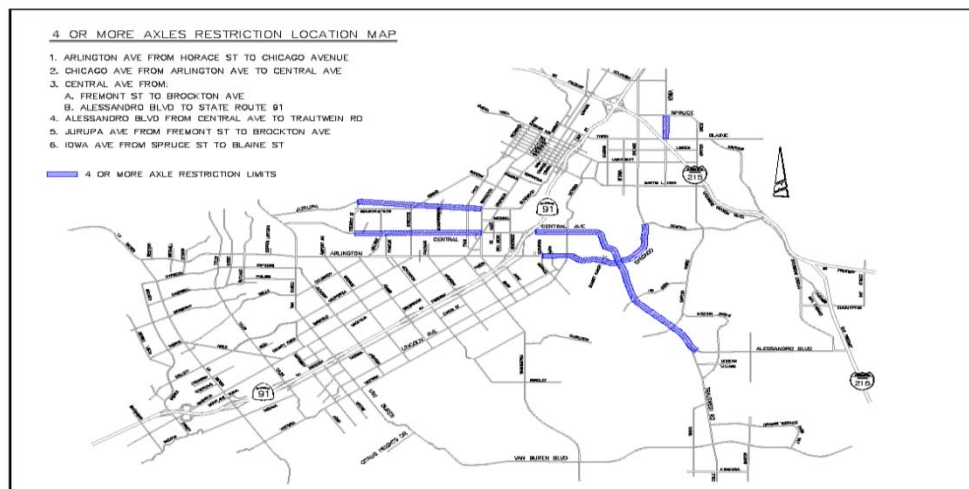
1. Public Works will conduct bi-annual classification counts starting January 2019 at select locations on Van Buren Boulevard until the March JPA Development has been completed.
2. Public Works will collaborate with the County to actively consider an axle restriction on Van Buren Boulevard if truck traffic volumes exceed 3% during or after March JPA project completion.



11

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## RECOMMENDATIONS BY TRANSPORTATION COMMITTEE ON MARCH 8, 2018



12

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## RECOMMENDATIONS

That the City Council adopt an ordinance to establish axle restrictions prohibiting use by commercial vehicles exceeding three axles on the following street segments:

1. Alessandro Boulevard from Central Avenue to Trautwein Road;
2. Arlington Avenue from Horace Street to Chicago Avenue;
3. Central Avenue from:
  - a. Fremont Street to Brockton Avenue; and
  - b. Alessandro Boulevard to State Route 91;
4. Chicago Avenue from Arlington Avenue to Central Avenue;
5. Iowa Avenue from Spruce Street to Blaine Street; and
6. Jurupa Avenue from Fremont Street to Brockton Avenue.



13

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